



# Product Evaluation

WIN2263 | 0218

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** WIN-2263

**Effective Date:** February 1, 2018

**Re-evaluation Date:** September 2021

**Product Name:** Series 1630 HS Vinyl Horizontal Sliding Window, Fin and Frame Installation, Non-Impact Resistant

**Manufacturer:** MI Windows and Doors, LLC  
650 West Market Street  
Gratz, PA 17030  
(717) 365-3300

## General Description:

System	Description	Label Rating	Design Pressure Rating
1	1630 HS (FIN) PVC OX	LC-PG50 2124 x 1219 (84 x 48)-HS	±50 psf
2	1630 HS (FIN) PVC OX	LC-PG40 1829 x 1600 (72 x 63)-HS	±40 psf
3	1630 HS (FIN) PVC OX	LC-PG50 1829 x 1346 (72 x 53)-HS	±60 psf
4	1630 HS (FINLESS AND FLANGE) PVC OX	LC-PG45 2124 x 1219 (84 x 48)-HS	±45 psf
5	1630 HS (FINLESS AND FLANGE) PVC OX	LC-PG30 1829 x 1600 (72 x 63)-HS	+30/-35 psf
6	1630 HS (FINLESS AND FLANGE) PVC OX	LC-PG45 1825 x 1346 (72 x 53)-HS	±45 psf
7-8	1630 HS (FIN, FLANGE AND FINLESS) PVC XOX	LC-PG25 3048 x 1600 (120 x 63)-HS	±25 psf
9-10	1630 HS (FIN, FLANGE AND FINLESS) PVC XOX	LC-PG40 2438 x 1346 (96 x 53)-HS	±40 psf

**General Description:**

System	Description	Label Rating	Design Pressure Rating
11-12	1630 HS (FIN, FLANGE AND FINLESS) PVC XOX	LC-PG50 2438 x 1219 (96 x 48)-HS	±50 psf

**Product Dimensions:**

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	84" x 48"	41-5/8" x 44-7/8"	38-3/16" x 41-5/16"
2	72" x 63"	35-5/8" x 59-7/8"	32-1/16" x 58-3/16"
3	72" x 53"	35-5/8" x 50"	32-1/16" x 48-1/4"
4	84" x 48"	41-5/8" x 44-7/8"	38-3/16" x 43-5/16"
5	72" x 63"	35-5/8" x 59-7/8"	32-1/16" x 58-3/16"
6	72" x 53"	35-5/8" x 50"	32-1/16" x 48-1/4"
7	120" x 63"	(2) 39-15/16" x 59-15/16"	36-1/2" x 58-1/4"
8	120" x 63"	(2) 30-1/2" x 59-15/16"	55" x 58-1/4"
9	96" x 53"	(2) 31-15/16" x 49-3/4"	28-3/8" x 48-1/4"
10	96" x 53"	(2) 24-1/2" x 49-3/4"	43" x 48"
11	96" x 48"	(2) 31-15/16" x 45"	28-3/8" x 43-1/2"
12	96" x 48"	(2) 24-1/2" x 44-15/16"	43" x 43-1/4"

**Product Identification (Certification Label on Window):**

System		
1-3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series 1630 HS (FIN)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
4-6	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series 1630 HS (FINLESS AND FLANGE)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
7-12	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	1630 HS XOX (FIN, FLANGE, & FINLESS)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

**Impact Resistance:**

System	Impact Resistant	Requirement
1-12	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

**Installation:**

System		
1-3	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 6 x 1-5/8" long Flat head screws
	Fastener Location/Spacing	Approximately 3" from each corner and approximately 8" on center
	Fastener Penetration	Minimum 1-1/2" into framing
4-6	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 8 x 2" long Pan head screws
	Fastener Location/Spacing	Side Jambs/ Approximately 4" from the corners and approximately 15" on center
	Fastener Penetration	Minimum 1-1/2" into framing

**Installation (One of the Following):**

System		
7-12	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 6 x 1-5/8" long Flat head screws
	Fastener Location/Spacing	Approximately 2" from each corner and approximately 16" on center
	Fastener Penetration	Minimum 1-1/2" into framing
7-12	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 10 Pan head screws
	Fastener Location/Spacing	Head and Side Jambs/ Approximately 4" from the corners and spaced 16" on center, through the head and the side jambs Sill/ One Aluminum clip at each meeting rail, anchored into the interior of the inner wall bottom sill with two (2) No. 10 pan head screws
	Fastener Penetration	Minimum 1-1/2" into framing

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.